Index of Claims

Application/Control No.

10/643,197

Examiner

Matsuichiro Shimizu

Applicant(s)/Patent under Reexamination

BASTIAN, WILLIAM A.

Art Unit

2635

| <b>√</b> | Rejected |
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| =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| i | Interference |

| A | Appeal   |  |  |  |  |  |  |  |  |
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| 0 | Objected |  |  |  |  |  |  |  |  |

| Cla            | aim      | m Date      |          |          |           |              |                | $\neg$   | Claim Date |          |          |          |                 |          |          | 1        | Claim Date         |          |           |         |    |              |            |   |                |          |          |                |                |                 |           |          |
|----------------|----------|-------------|----------|----------|-----------|--------------|----------------|----------|------------|----------|----------|----------|-----------------|----------|----------|----------|--------------------|----------|-----------|---------|----|--------------|------------|---|----------------|----------|----------|----------------|----------------|-----------------|-----------|----------|
| <del>  "</del> |          |             |          |          |           |              |                |          |            |          |          | ł        |                 |          | Date     |          |                    |          |           |         |    |              |            |   |                |          |          |                |                |                 |           |          |
| Final          | Original | 10/6/05     |          |          |           |              |                |          |            |          | Final    | Original |                 |          | ,        |          |                    |          |           |         |    | Final        | Original   |   |                |          |          |                |                |                 |           |          |
| ===            | 1        | _           | П        | $\dashv$ |           |              | Г              | П        | $\Box$     | $\neg$   | -        | 51       | П               |          | _        | _        | _                  | _        | ╅         |         | ĺ  |              | 101        | П | П              |          |          |                | П              | П               | $\exists$ | $\neg$   |
|                | 2        |             | П        | T        |           |              | Г              | H        | Ħ          | $\dashv$ |          | 52       | П               | $\dashv$ | 寸        | $\dashv$ | 十                  | +        | 十         | $\top$  | ĺ  |              | 102        | П |                |          |          |                |                | П               | $\dashv$  | $\neg$   |
| <b></b>        | 3        |             |          |          |           | _            |                | Ħ        |            |          |          | 53       | 1               |          | 寸        | $\dashv$ | _                  | 7        | +         | 1       | ĺ  |              | 103        |   |                |          |          |                |                | Ħ               | $\neg$    |          |
| <b> </b>       | 4        | _           |          | _        |           |              |                | П        |            |          |          | 54       |                 |          | 一        |          | _                  | $\top$   | +         | 1       | ĺ  |              | 104        |   |                | _        |          |                |                | $\Box$          | $\neg$    |          |
|                | 5        | Į           | П        | $\Box$   |           |              |                | П        | П          | $\neg$   |          | 55       | П               | $\neg$   | $\neg$   | 一        | 寸                  | 十        | 十         | $\neg$  | 1  |              | 105        | П | П              |          |          |                | П              | $\Box$          | $\neg$    | $\neg$   |
|                | 6        | A           |          |          |           |              |                |          |            |          |          | 56       | П               |          |          |          | T                  | $\top$   | +         | 1       | 1  |              | 106        |   |                | _        | _        |                |                |                 | コ         | _        |
|                | 7        | 1           |          |          |           |              |                |          |            |          |          | 57       | П               |          |          |          |                    | $\top$   | ✝         |         | 1  |              | 107        |   |                |          |          |                |                |                 | $\Box$    | $\neg$   |
|                | 8        | Т           |          |          |           |              |                | П        |            |          |          | 58       | П               |          | T        | $\neg$   |                    |          | T         | $\top$  | 1  |              | 108        |   |                |          |          |                |                | T               | $\neg$    |          |
|                | 9        | Т           |          |          |           |              |                |          | $\Box$     |          |          | 59       | П               |          | ╛        | $\neg$   | T                  | T        | T         | $\neg$  | ĺ  |              | 109        |   |                |          |          |                |                | $\Box$          | $\neg$    |          |
|                | 10       | T           |          |          |           |              |                |          |            |          |          | 60       |                 |          |          |          |                    |          | T         |         | ]  |              | 110        |   |                |          |          |                |                | П               | П         |          |
|                | 11       |             |          |          |           |              |                |          |            |          |          | 61       |                 |          |          |          |                    |          | П         |         | ]  |              | 111        |   |                |          |          |                |                |                 | П         |          |
|                | 12       |             |          |          |           |              |                |          |            |          |          | 62       |                 |          |          |          |                    |          | I         |         | ]  |              | 112        |   |                |          |          |                |                |                 |           |          |
|                | 13       | $\coprod$   |          |          |           |              |                |          |            |          |          | 63       | ╚               |          |          |          |                    |          | Ι         |         | ]  |              | 113        |   |                |          |          |                |                |                 |           |          |
|                | 14       | Ш           | $\Box$   |          |           |              |                |          |            | _]       |          | 64       | Ш               |          |          | $\Box$   |                    |          | $oxed{I}$ |         | Į  |              | 114        |   |                |          |          |                |                |                 |           |          |
| <u> </u>       | 15       | Ш           | Ш        | $\Box$   |           |              |                |          |            | _]       |          | 65       | $\Box$          |          | $\Box$   | $\perp$  | $oldsymbol{\perp}$ |          | $\perp$   |         | Į  |              | 115        |   |                |          |          |                |                |                 |           |          |
| <u> </u>       | 16       | Щ           | Ш        | ot       |           | $oxed{oxed}$ | $\Box$         | Ш        | Щ          | _        |          | 66       | Ш               |          | $\bot$   |          |                    | <u> </u> |           |         | Į  |              | 116        |   |                |          |          |                |                |                 |           |          |
|                | 17       | Ш           | Ш        | $\Box$   |           |              |                | Ш        | Ш          |          |          | 67       | Ш               |          |          |          | $\perp$            |          | $\perp$   |         | ļ  |              | 117        |   |                |          |          |                |                |                 |           |          |
|                | 18       | Ц           | Ш        |          |           |              | Ш              | Ш        | Ш          |          |          | 68       | Ш               |          | $\perp$  | $\perp$  | $\perp$            | $\bot$   | ┙         |         | Į  |              | 118        |   |                |          |          |                |                |                 |           |          |
| L              | 19       | Ш           |          |          |           |              | Ш              | Щ        |            |          |          | 69       | Ш               |          |          |          |                    | $\perp$  | ┙         |         | Į  |              | 119        |   |                |          |          |                |                | Ш               |           |          |
|                | 20       | Ц,          | Ш        | Ц        | $\Box$    |              | Ш              | Ш        |            |          |          | 70       | Ш               |          | $\perp$  | _        | _                  |          | ┵         | $\perp$ | Į  |              | 120        |   |                |          |          |                |                |                 | _         |          |
|                | 21       | Y           | Ш        | Щ        |           |              |                | Щ        |            |          |          | 71       | Ш               | $\Box$   | _        | _        | $\perp$            | $\perp$  | ┸         |         | Į  |              | 121        |   |                |          |          |                |                |                 | $\Box$    |          |
|                | 22       | Щ           |          |          |           |              |                |          | Ш          | _        |          | 72       |                 |          | _        | _        | 4                  | _        | 1         |         | [  | igsquare     | 122        | Ш | Ц              |          |          |                |                |                 | $\perp$   |          |
|                | 23       |             | Ш        | _        |           |              |                |          |            | _        |          | 73       | Ш               | _        | 4        | 4        | _                  | $\perp$  | 1         |         | Į  |              | 123        | Ш |                |          |          | Ш              |                |                 | _         | _        |
| <u> </u>       | 24       | Щ           | Ш        | _        |           | Ш            | Щ              | Ш        | Ш          | _        |          | 74       | Ш               | _        | _        | _        | 4                  | 4        | 4         |         | Į  |              | 124        |   |                |          |          |                |                |                 |           | _        |
| ļ              | 25       | 4(1)        | Ш        | Ц        |           |              |                | Щ        | Ш          | _        | <b> </b> | 75       | Ш               | _        | _        | 4        | 4                  | 4        | 4         |         | l  |              | 125        | Щ | Щ              |          |          |                |                | Ш               | $\dashv$  |          |
|                | 26       |             |          |          |           |              | _              | Ш        | $\Box$     | _        | <u> </u> | 76       | Ш               | $\dashv$ | 4        | 4        | 4                  | $\bot$   | 4         | —       | Į  | $oxed{oxed}$ | 126        | Щ | Щ              |          |          |                |                | Щ               | _         |          |
| $\vdash$       | 27       | 1)          | Ш        |          |           |              |                | Ш        | 1          | 4        | <u> </u> | 77       | H               |          |          | _        | $\dashv$           | 4        | 4         | _       |    |              | 127        | Щ | Ш              |          |          |                |                |                 | _         | _        |
|                | 28       | _           | Н        | _        |           |              | Ш              | Ш        | $\dashv$   | 4        |          | 78       | Н               | $\dashv$ | $\dashv$ | -        | _                  | 4        | 4         |         |    |              | 128        | Щ |                |          |          |                | Ш              | $\sqcup$        | _         |          |
|                | 29       | 7]          |          |          | _         |              | Ш              | Н        | $\dashv$   | 4        |          | 79       | Н               | -        |          | _        | 4                  | 4        | 4         | _       | ļ  |              | 129        | Ш |                |          |          |                |                | $\Box$          | $\dashv$  |          |
|                | 30       | 4           | Н        |          | _         | Ш            | Ш              | Н        | _          | -        |          | 80       | $\sqcup$        |          | $\dashv$ | $\dashv$ | 4                  | +        | 4         | _       |    |              | 130        | Ш | Ш              |          |          |                |                | Щ               | $\dashv$  |          |
|                | 31       | 4           | Н        | $\dashv$ | _         | Н            | Н              | Н        | _          |          |          | 81       | Н               | $\dashv$ | $\dashv$ | +        | +                  | +        | +         | -       | ļ  |              | 131        | Ш |                |          |          | Ш              | Ш              | Ш               | $\dashv$  |          |
|                | 32       | +           | Н        | $\dashv$ | _         | _            | Н              | Н        | -          |          |          | 82       | Н               | _        | _        | +        | +                  | +        | +         | _       | Į. |              | 132        | Н |                |          |          | Н              |                | Н               | $\dashv$  | _        |
|                | 33<br>34 | +           | Н        | $\dashv$ | _         | Н            | Н              | Н        | $\dashv$   |          |          | 83<br>84 | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | +                  | +        | +         | +       | ł  |              | 133<br>134 | Н | Н              |          | H        | H              | H              | $\vdash$        | $\dashv$  | _        |
|                | 35       | +           | Н        | $\dashv$ |           |              | Н              | Н        | $\dashv$   | $\dashv$ | -        | 85       | $\vdash \vdash$ | $\dashv$ | $\dashv$ | -        | -+                 | +        | +         | +       | ł  | $\vdash$     | 135        | Н | $\vdash\vdash$ | -        | $\vdash$ | Н              | $\vdash$       | $\vdash$        | $\dashv$  |          |
|                | 36       | +           | Н        | $\dashv$ | -         |              | $\vdash\vdash$ | Н        | -+         | $\dashv$ | -        | 86       | Н               | $\dashv$ | $\dashv$ |          | +                  | +-       | +         | +       | ł  | $\vdash$     | 136        | Н | Н              | $\vdash$ | <u> </u> | $\vdash$       | $\vdash$       |                 |           | _        |
|                | 37       | +           | Н        | $\dashv$ | $\dashv$  | $\vdash$     | Н              | Н        | $\dashv$   | $\dashv$ | -        | 87       | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | +                  | +        | +         |         |    | <u> </u>     | 137        | Н | Н              | $\vdash$ | $\vdash$ | H              | H              | H               | $\dashv$  | _        |
|                | 38       | ⇟           | Н        | $\dashv$ | $\dashv$  | $\vdash$     |                | $\vdash$ | $\dashv$   | $\dashv$ | $\vdash$ | 88       | Н               | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$           | +        | +         | +       | 1  | $\vdash$     | 138        | Н | Н              | $\vdash$ |          | $\vdash\vdash$ | $\vdash\vdash$ |                 | -         | _        |
| -              | 39       | <b>•</b> ]] | H        | $\dashv$ | $\dashv$  |              | $\vdash$       | Н        | $\dashv$   | $\dashv$ | -        | 89       | Н               | $\dashv$ | +        | +        | -+                 | +        | +         | +-      | 1  | $\vdash$     | 139        | Н | Н              | $\vdash$ |          | $\vdash$       | Н              | $\vdash \vdash$ | -+        |          |
|                | 40       | 1           | Н        | $\dashv$ | $\dashv$  | Н            | Н              | Н        | $\dashv$   | $\dashv$ | $\vdash$ | 90       | $\vdash$        | $\dashv$ | -+       |          | +                  | +        | +         | +       | 1  | $\vdash$     | 140        | H | Н              |          | Н        | H              | Н              | $\vdash$        | $\dashv$  |          |
|                |          | V           | Н        | $\dashv$ |           | $\vdash$     | $\vdash$       | Н        | $\vdash$   | $\dashv$ | $\vdash$ | 91       | $\vdash \vdash$ | $\dashv$ | -+       | $\dashv$ | +                  | +        | +         | +       | ł  | $\vdash$     | 141        | Н | Н              | Н        |          | H              | $\vdash$       | $\vdash \vdash$ | -         |          |
| $\vdash$       | 42       | V           | Н        | $\dashv$ |           | $\vdash$     | Н              | Н        | $\dashv$   | $\dashv$ |          | 92       | Н               | $\dashv$ | -+       | -+       | $\dashv$           | +        | +         | +       | l  | $\vdash$     | 142        | Н | Н              | $\vdash$ | $\vdash$ | ┝╾┥            | Н              | ┝╾┪             | $\dashv$  | $\dashv$ |
|                |          | Ø           | Н        | $\dashv$ |           | $\vdash$     | Н              | H        | $\dashv$   | $\dashv$ |          | 93       | Н               | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$           | +        | +         | -+      | ĺ  | <b>—</b>     | 143        | Н | $\vdash$       | $\vdash$ | $\vdash$ | Н              | Н              | $\vdash$        | $\dashv$  | $\dashv$ |
|                | 44       | V           | ГΗ       | $\dashv$ | $\dashv$  | $\vdash$     | Н              | Н        | $\dashv$   | $\dashv$ | <b>—</b> | 94       | H               | $\dashv$ | $\dashv$ | $\dashv$ | +                  | +        | +         | +-      | 1  | <b>—</b>     | 144        | Н | $\vdash$       | $\vdash$ |          | $\vdash$       |                | $\vdash$        | -         | $\dashv$ |
|                | 45       | ġ           | <b>5</b> | $\dashv$ |           |              | Н              | Н        | $\dashv$   | _        | <u> </u> | 95       | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$           | +        | +         | +       | l  | $\vdash$     | 145        | Н | $\vdash$       | $\vdash$ | H        | Н              | Н              | $\vdash$        | $\dashv$  |          |
|                | 46       | V           |          | $\dashv$ |           |              | $\vdash$       | H        | $\dashv$   | $\dashv$ |          | 96       | Н               | $\dashv$ | $\dashv$ | -        | $\dashv$           | +        | +         | $\top$  | ſ  | $\vdash$     | 146        | Н | -              | $\vdash$ | $\vdash$ |                | $\vdash$       | $\dashv$        | $\dashv$  | $\neg$   |
| -              | 47       | V           | М        | $\dashv$ | 一         | $\vdash$     | Н              | Н        | $\dashv$   | $\dashv$ |          | 97       | Н               | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$           | +        | +         | +       | ſ  |              | 147        | Н |                | $\vdash$ | Н        | $\vdash$       | Н              | $\dashv$        | $\dashv$  | $\neg$   |
|                | 48       | v           | П        | $\dashv$ | $\neg$    | $\vdash$     |                | Н        | $\dashv$   | $\dashv$ |          | 98       | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$           | +        | ╅         | _       | ĺ  | $\vdash$     | 148        | Н |                |          | H        | $\exists$      | H              | $\dashv$        | $\dashv$  | $\dashv$ |
|                | 49       | _           | П        | $\neg$   | $\exists$ | $\Box$       | П              | Н        | $\dashv$   | ヿ        |          | 99       | П               | 十        | $\dashv$ | 十        | $\dashv$           | +        | +         | $\top$  | Í  | <b>—</b>     | 149        | Н | $\vdash$       | Н        | Н        | Н              | Н              | $\dashv$        | $\dashv$  | ᅱ        |
|                | 50       |             | П        |          |           |              |                | П        | $\Box$     | ┪        |          | 100      | П               | 一        | $\dashv$ | $\dashv$ | $\dashv$           | $\top$   | $\dagger$ | 1       | ĺ  |              | 150        | П | $\vdash$       | $\dashv$ | Н        | $\Box$         | Н              | $\dashv$        | $\dashv$  | $\dashv$ |
|                |          | _           |          |          | _         | _            |                |          |            |          |          |          |                 |          |          |          |                    |          |           |         |    |              |            |   |                |          |          |                |                |                 |           |          |